AMSAT News Service Weekly Bulletins
Issue: ANS-148
Date: 2006-05-28
Sources: amsat-ans-2006-ans-148-weekly.txt

AMSAT NEWS SERVICE
ANS-148

ANS is a free, weekly, news and information service of AMSAT North America, The Radio Amateur Satellite Corporation. ANS reports on the activities of a worldwide group of Amateur Radio operators who share an active interest in designing, building, launching and communicating through analog and digital Amateur Radio satellites.

Please send any amateur satellite news or reports to:

ans-editor@amsat.org

In this edition:

* AMSAT Runs SuitSat "Chicken Little" Contest
* ARISS Dayton Presentation Available Online
* ARISS Status May 22, 2006
* Dayton Pictures from Tom Clark, K3IO
* North Scotland Grid Square Opportunity
* ISS Crew Photographs Aleutian Islands Volcano Activity

SB SAT @ AMSAT $ANS-148.01
AMSAT Runs SuitSat "Chicken Little" Contest

AMSAT News Service Bulletin 148.01
From AMSAT HQ SILVER SPRING, MD.
May 28, 2006
To All RADIO AMATEURS
BID: $ANS-148.01

AMSAT is holding a "Chicken Little" contest to see who can guess when SuitSat-1 will re-enter the earth's atmosphere. There are three entry categories: K-8, 9-12 and adult. Certificates will be provided to the winners of each group. To enter the contest, go to:
http://www.amsat.org/amsat-new/ariss/suitsatContest.php

[ANS thanks Carol, KB3LKI for the above information]

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SB SAT @ AMSAT $ANS-148.02
ARISS Dayton Presentation Available Online

AMSAT News Service Bulletin 148.02
From AMSAT HQ SILVER SPRING, MD.
May 28, 2006
To All RADIO AMATEURS
BID: $ANS-148.02

Those that missed Dayton and would like to see what the ARISS team presented at the forum are welcome to view the charts online. In this set of charts is a series of photos of the deployment. Go through these quickly and you can clearly see the rotation of the satellite. See:
http://www.amsat.org/amsat/ariss/Presentations/Dayton%202006.pdf

Note: Those of you who have a dial-up connection, this is a 10 megabyte file.

[ANS thanks Frank, KA3HDO for the above information]

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SB SAT @ AMSAT $ANS-148.03
ARISS Status May 22, 2006

AMSAT News Service Bulletin 148.03
From AMSAT HQ SILVER SPRING, MD.
May 28, 2006
To All RADIO AMATEURS
BID: $ANS-148.03

1. Upcoming School Contacts

Salt Brook Elementary School in New Providence, New Jersey has been scheduled for an ARISS contact on Wednesday, May 31, at 15:07 UTC. Students will design posters, ID badges, and tee shirts in preparation for the contact and will also design a web page to include space experiments, ham radio communications, ISS tracking and space links. Local high school students, who have obtained Amateur Radio licenses, will be trained to act as mentors for the elementary school students, and to be Control Operators during the contact. Coverage of classroom activities by the local media is planned.

2. ARRL Article on Yoneda-nishi Contact

ARRL's article, "ISS Astronaut Fields Questions from Elementary Schoolers in Japan" covers the ARISS Yoneda-nishi contact on May 11. To view the story, see:
http://www.arrl.org/news/stories/2006/05/17/3/?nc=1

3. AMSAT-DL Receives Voyager 1 Signal

On March 31, Amateur Radio operators from AMSAT Germany tracked and received data from Voyager 1 using the 20m antenna at Bochum at a distance of 14.7 billion km. Its data was checked and verified against data from the Deep Space Network station. See:
http://www.arrl.org/news/stories/2006/04/25/2/
and
http://www.amsatdl.org/cms/index.php?option=com_content&task=view&id=62&Itemid=97

4. Dayton Hamvention 2006

The Dayton Hamvention, 2006 was held this past weekend, Friday, May 19 through Sunday, May 21 in Dayton, Ohio. ARISS Chairman Frank Bauer gave a presentation at the AMSAT Forum entitled, "ARISS and SuitSat: Current Status and Future Opportunities." To view the presentation, go to:
http://www.amsat.org/amsat/ariss/Presentations/Dayton%202006.pdf

ARISS member Lou McFadin, W5DID, also gave a talk on SuitSat-1 and 2 at the AMSAT banquet on Friday evening. Approximately 25,000 amateur radio operators attended the Hamvention.

5. Popular Science Article on SuitSat

A 2-page photo of SuitSat appears in the June issue of Popular Science. A short write up, "Tossed in Space," accompanies the photograph.

[ANS thanks Carol, KB3LKI for the above information]

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SB SAT @ AMSAT $ANS-148.04
Dayton Pictures from Tom Clark, K3IO

AMSAT News Service Bulletin 148.04
From AMSAT HQ SILVER SPRING, MD.
May 28, 2006
To All RADIO AMATEURS
BID: $ANS-148.04

Tom Clark, K3IO, has posted selected pictures from Dayton weekend in his AMSAT photo album.

Among the picture set you will see AMSAT's newest member (#36161), 11 year-old "Fred," the Dayton Amateur Radio Association presenting a $5000 check to Rick Hambly, W2GPS, and perhaps best of all you will see Russ (WB4PGT/LU1NR) modelling SuitSat-2 and examining the new 2.6 kilofarad, 6+ kilojoule flux-gate capacitor power source. See:
http://www.pbase.com/tomcat/amsat

[ANS thanks Tom, K3IO for the above information]

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SB SAT @ AMSAT $ANS-148.05
North Scotland Grid Square Opportunity

AMSAT News Service Bulletin 148.05
From AMSAT HQ SILVER SPRING, MD.
May 28, 2006
To All RADIO AMATEURS
BID: $ANS-148.05

Anyone looking for new grid squares should listen for Paul, 2M1EUB/P, who will be operating portable from different locations in North Scotland for seven days beginning May 27, 2006. Paul will be renting a cottage and doing some backpacking (Yes, walking... said Paul!) so there could be an interesting signal at times. Paul hopes to work all satellites and modes and will also be doing some HF work. He requests that qsl's be sent via his home call.

[ANS thanks Paul, 2E1EUB for the above information]

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SB SAT @ AMSAT $ANS-148.06
ISS Crew Photographs Aleutian Islands Volcano Activity

AMSAT News Service Bulletin 148.06
From AMSAT HQ SILVER SPRING, MD.
May 28, 2006
To All RADIO AMATEURS
BID: $ANS-148.06

At 3:00 p.m. Alaska Daylight Time on May 23, 2006, Flight Engineer Jeff Williams of International Space Station (ISS) Expedition 13 contacted the Alaska Volcano Observatory (AVO) to report that the Cleveland Volcano had produced a plume of ash. Shortly after the activity began, he took a spectacular photograph of the volcano and plume. Astronaut photograph ISS013-E-24184 was acquired May 23, 2006, with a Kodak 760C digital camera using an 800 mm lens, and is provided by the ISS Crew Earth Observations experiment and the Image Science & Analysis Group, Johnson Space Center. See:
http://earthobservatory.nasa.gov/Newsroom/NewImages/images.php3?img_id=17285

The International Space Station Program supports the laboratory to help astronauts take pictures of Earth that will be of the greatest value to scientists and the public, and to make those images freely available on the Internet. Additional images taken by astronauts and cosmonauts can be viewed at the NASA/JSC Gateway to Astronaut Photography of Earth. See: http://eol.jsc.nasa.gov/

[ANS thanks NASA's Earth Observatory for the above information]

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In addition to regular membership, AMSAT offers membership in the President's Club. Members of the President's Club, as sustaining donors to AMSAT Project Funds, will be eligible to receive additional benefits. Application forms are available from the AMSAT Office.

73,
This week's ANS Editor,
Al Marote, WA1LBG